

Table 20
Information and Assessments of Fox Detections Related to an Early March 1991 Soldier's Mustard Blister Incident

Date/ Equipment	Item Examined	Reported Alarms ^a	Fox Spectrum Taken	Documentation Available	IC Assessment
2 March 1991/ Fox Vehicle	Coveralls	CX, L, Thio- phosgene, Mustard, “Fats, Oils, and Wax” (contaminants)	None	Fox Printout	False alarm: Fox de- tected only contamina- tion because no chemi- cal agent spectrum could be obtained and alarms included con- taminants and unlikely chemical agents.
3 March 1991/ Fox Vehicle	Bunker Area	Mustard/HT	None	Logs and memos	False alarm or no alarm: Fox de tected only contamination be- cause detection not confirmed by second Fox. Reporting indi- cated the bunker was full of boxes of dry soap powder and the soldier was unavailable for identification of the bunkers he searched.
3 March 1991/ Fox Vehicle	Bunker Area	None	None	Memo	No alarm: No CW de- tection at same bunker as previous Fox vehicle.
4 March 1991/ Fox Vehicle	Flak jacket	L, HQ, Thiophosgene, “Fats, Oils, and Wax”	None	Fox Printout	False alarm: Fox de- tected only contamina- tion because no chemi- cal agent spectrum could be obtained and alarms included con- taminants and unlikely chemical agents.
4 March 1991/ Fox Vehicle	Flak jacket	HD, N-mustard, Thiophosgene, Trimethyl Phosphite	Yes	Video (Fox Printout Lost)	False alarm: Mustard not present in spectrum because key peaks in signature were missing. Alarms in- cluded unlikely chemical agents and precursors.
11 March 1991/ Edgewood US Army Laboratory	Flak jacket, piece of coveralls, gauze pad	No evidence of CW agents or degrada- tion products.	Yes (multiple instruments)	Memo	Mustard not present: No evidence of CW agents found using more sensitive equip- ment and multiple methodologies.

^aListed Agents in Iraqi Inventory: HD - Sulfur Mustard

^bListed Agents not in Iraqi Inventory: CX - Phosgene Oxime, Thiophosgene, L - Lewisite.